

12/13/12 and 12/18/12 Stakeholder Meetings

Summary of Importance/Urgency Priorities for Westside Objectives

Summary of Objective	Importance	Urgency	Cross-Reference to 9/2012 version
1. Provide/promote use of educational curricula for K-12 students	Medium	Low	1
2. Provide educational information to encourage stewardship by public	Medium	Low	1
3. Restore native vegetation/form/function in riparian/aquatic corridors	Medium	Medium	2
4. Quantify extent of suitable life-cycle habitat for T/E/I native fish	High	Medium	3a
5. Prioritize/Plan/schedule improvements of life-cycle habitat for T/E/I native fish	High	Medium	3b
6. Increase availability of suitable life-cycle habitat for T/E/I native fish	High	Medium	3c
7. Prevent colonization by Quagga/Zebra mussels and eliminate/prevent spread of New Zealand mud snail	High	High	4
8. Establish invasive plant management plan	Medium	Medium	5a
9. Implement Invasive Plant Management Plan	Medium	Medium	5b
10. Create Asset Management Plan for key water management infrastructure	Medium	Low	7, 7a, 7b
11. Meet 20% by 2020 Conservation Targets	Medium	Medium	8
12. Increase adoption of Ag BMPs	Medium	Medium	9
13. Maintain and increase water-related recreational opportunities	Medium	Low	10
14. Provide adequate flood protection	High	Medium	11
15. Manage watershed activities to reduce large erosion events	Medium	Medium	*12 from July 2012 Objectives
16. Monitor state/federal Delta programs	Medium	High	13
17. Monitor conditions/improve understanding to support sustainable groundwater basins	High	Low	14
18. Maintain and enhance monitoring network and information sharing	High	Medium	15
19. Address pollutant sources to meet runoff standards and TMDL targets	High	Medium	16
20. Minimize accidental wastewater spillage/discharges	Medium	Medium	19
21. Reduce Public health risks by reducing contaminants in drinking water sources	Medium	Medium	20
22. Meet all drinking water and wastewater discharge standards	High	High	21
23. Provide 100% reliability of M&I water supplies	High	Medium	22
24. Provide agricultural water supplies to support a robust agricultural industry	High	Medium	23

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Item	Plan Objectives ¹	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
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Education and Awareness Focus							
1	Provide and promote use of educational curricula designed to increase awareness of watershed and resource stewardship and how individual stewardship relates to community health and well-being for K-12 students starting July 2013 through the planning period.		<p>Availability of curricula suitable to each grade and student population within the region.</p> <p>Number of schools contacted each year to promote use of curricula. Target: Contact 50% of all schools in region each year.</p> <p>Number of students who receive instruction from grade-suitable curricula. Target: Reach 30% of student population within the region each year starting in 2014.</p>	2, 3, 7, and 11	<p>May host an education summit as part of Plan implementation that could result in new targets to replace the current ones.</p> <p>There is a cooperative, statewide effort to help K-12 students learn about the environment and how it relates to their everyday lives called the California Education and the Environment Initiative (EEI). Curriculum information provided by the California Department of Education can be found at http://www.cde.ca.gov/ci/sc/ee/.</p>	Medium	Low

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2	Provide educational information designed to increase awareness of watershed and resource stewardship and how individual stewardship relates to community health and well-being for the adult population within the region starting July 2013 through the planning period.		Number of people who receive the educational materials/messages within the region each year. Target: 10% of population annually.	2, 3, 7, and 11		Medium	Low
Habitat Focus							
3	Restore native vegetation and form and function along riparian corridors, canals, and other aquatic sites throughout the region to provide stream shading, habitat enhancement and increased biological diversity through 2035.		Acres restored along corridors, canals and ditches; Number of native plants planted; Improved connectivity of habitat corridors, etc. Target: Support goals established within NCCP's, HCP's, and other habitat planning documents for the region.	1, 5, 8, and 13		Medium	Medium

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4	Quantify the extent of suitable life-cycle habitat currently accessible to threatened, endangered, or imperiled native fish within the region by December 31, 2014.		Existence of documentation of extent of suitable life-cycle habitat currently accessible to threatened, endangered, or imperiled native fish within the region.	3, 5, 8, and 11		High	Medium
5	Prioritize, plan, and schedule improvements in suitable life-cycle habitat accessible to threatened, endangered, or imperiled native fish within the region by December 31, 2015.		Existence of a document with planned, prioritized, and scheduled improvements.	3, 5, 8, and 11		High	Medium
6	Increase availability of suitable life-cycle habitat for threatened, endangered, or imperiled native fish as designated in result of Objective 5.		Change in the area of suitable life-cycle habitat that is accessible to target species.	5, 8, and 13		High	Medium

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Invasives Focus							
7	Prevent colonization of any regional water body by Quagga mussels or Zebra mussels and eliminate or prevent the spread of New Zealand mud snails from Putah Creek during the planning period.		Presence (or absence) of target invasive species.	5, 8, 9, and 12		High	High
8	Establish an invasive plant management plan (including specific and measurable targeted outcomes for species of concern and a schedule to accomplish target outcomes) for the entire region by December 31, 2015.		Existence of an invasive plant management plan for the region or integration of existing plans.	3, 5, 8, 10, 11, and 13	Lake County has a countywide plan that could be integrated with others plans or serve as a basis for a region-wide plan.	Medium	Medium

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9	Implement programs and projects to meet the designated outcomes defined in the Invasive Plant Management Plan developed in Objective 8 (according to the schedule provided in that plan).		Measures appropriate to the targeted outcomes designated in the Invasive Plant Management Plan created according to Objective 8.	5, 8, 10, and 13		Medium	Medium
Infrastructure Focus							
10	Create an Asset Management Plan for key water management infrastructure within the region consistent with the guidance provided in the <u>International Infrastructure Management Manual</u> by December 31, 2015.		Existence of Asset Management Plan	2, 3, 6, 9, 10, 11, and 12	The California Emergency Management Agency “critical infrastructure protection” criteria and the work done for existing Natural Hazard Mitigation Plans may be a reasonable place to start to identify key water management infrastructure within the region and to set priorities for investment.	Medium	Low
Reasonable Use Focus							
11	Meet 20% by 2020 statewide water conservation targets by December 31, 2020.		Water conservation measured in gallons per capita day as defined by the Water Conservation Act of 2009 and DWR	7, 9, and 12		Medium	Medium

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			guidance methodologies. Use UWMP's to measure progress.				
12	Increase adoption of locally cost effective agricultural best management practices (BMPs) throughout the planning period.		Compliance with SBX7-7. Number of required Efficient Water Management Practices (EWMPs) adopted and number of optional EWMPs adopted.	6, 7, 9, 12, and 13		Medium	Medium
Recreation Focus							
13	Maintain and increase water-related recreational opportunities within the region throughout the planning period.		Describe maintenance activities performed annually. Describe additional or enhanced water-related recreational opportunities provided annually.	5 and 12		Medium	Low

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Risk Management Focus							
14	Provide adequate flood protection for all urban and rural areas within the region by December 31, 2050.		Change in calculated level of flood protection. Targets: Provide flood protection consistent with the Central Valley Flood Protection Plan; for urban and urbanizing areas meet the urban level of flood protection; for other developed areas meet the FEMA standard of flood protection; for rural areas provide the level of protection warranted for the assets subject to damage.	4, 10, 12, and 13		High	Medium
15	Manage watershed activities and conditions to reduce the risk of large erosion events that could increase undesirable sediment loading to water bodies throughout the planning period.		Number of large erosion events documented each year. Number of preventive measures taken and repairs made to reduce large erosion events.	5, 6, 7, 10, and 13		Medium	Medium

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Understand Watershed Function Focus							
16	Monitor planning of state and federal water related projects and programs in the Delta and estimate potential local impacts throughout the planning period.	Scientific information and studies available that characterize potential impacts to region. Active participation and engagement in specifically identified State and Federal water resources planning and projects.		3 and 11		Medium	High
17	Monitor conditions and improve understanding to support sustainable use of groundwater basins within the Region as an important part of the Region's water supply throughout the planning period.	Information to understand and predict status of aquifer functions over the long-term; Understand opportunities to improve regional water supply portfolio through conjunctive management.	<u>Prevent long-term declines in groundwater levels throughout the region.</u>	3, 6, 9, 11, and 12		High	Low

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18	Maintain and enhance monitoring network and information sharing to support management of watersheds and natural resources within the region throughout the planning period.	Availability of important information; ease of access to data and information across agency boundaries.		2, 3, 6, 9, 10, 11, and 12		High	Medium
Water Quality Focus							
19	Address pollutant sources in order to meet the <u>runoff standards and satisfy</u> targets as described in specific TMDL's within the region throughout the planning period.	<u>Actions taken to address pollutant sources.</u>	<u>Actions taken and Compliance with runoff standards -and progress toward meeting targets met that are</u> identified in specific TMDL's within the region.	4, 5, 6, and 8		High	Medium
20	Minimize accidental spillage/discharges of wastewater to receiving waters throughout the planning period.		Number of spills reported per year; volume of wastewater spilled that reached receiving waters. Target: Zero spills per year of wastewater that reaches receiving waters.	4, 5, 6, 8, and 12		Medium	Medium

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21	Reduce public health risks by reducing contaminants of concern in drinking water sources throughout the planning period.		Improvements in source water quality; cost savings for meeting quality standards for drinking water at point of delivery; reductions in concentration of constituents of concern in drinking water at point of delivery.	3,6, 9, and 12		Medium	Medium
22	Meet all drinking water, and wastewater discharge standards, and runoff standards within the region throughout the planning period.		Compliance with all relevant quality standards.	4, 5, 6, 8, and 12		High	High

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Water Supply Focus							
23	Provide 100% reliability of municipal and industrial (M&I) water supplies of appropriate quality to meet forecasted demands ⁴ within the region throughout the planning period.		Number of days M&I water suppliers invoke drought ordinances and number of days rationing is required. Target: Zero days per year.	1, 6, 9 and 12	This can include a variety of approaches such as increased supplies, conjunctive management, water transfers, long-term demand management, etc. Satisfaction of this objective should include consideration of availability of alternate supplies should a drinking water source become contaminated or otherwise disrupted.	High	Medium
24	Provide agricultural water supplies of appropriate quality to support a robust agricultural industry within the region throughout the planning period.	Changes in agricultural outputs within the region over time.	Groundwater levels throughout region. Target: Prevent long-term declines in groundwater levels throughout the region. Annual surface water deliveries for agricultural use as compared to contracted amounts. Target: Provide 100% reliability for contracted annual deliveries by Solano	1, 9, and 12		High	Medium

Item	Plan Objectives ¹	Qualitative Measurement	Quantitative Measurement	Addresses Plan Goal(s):	Notes	Priority	
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			Water Agency. Target: Meet forecasted demands for agricultural water supply within Solano County with 100% reliability.				

Notes:

1. If it becomes not practical to satisfy any of the objectives on a region-wide basis, work to satisfy the objectives may proceed at a sub-regional level.
2. For the purposes of prioritizing objectives, the “Importance” assigned to each objective reflects the relative significance or consequence of satisfying this objective as compared to other objectives within the Westside Region.
3. For the purposes of prioritizing objectives, the “Urgency” assigned to each objective reflects the relative degree to which this objective warrants speedy attention or action as compared to other objectives.
4. “Forecasted demands” include the amount of water estimated to be necessary to satisfy fire suppression needs.